

Message

From: Flowers, Lynn [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=1A4411C874D041B9A8BADFC32B91BD70-FLOWERS, LYNN]
Sent: 1/23/2012 11:16:29 PM
To: Gibbons, Catherine [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=2ac775a35a0945718edc7e02f50e6c12-Gibbons, Catherine]; Cogliano, Vincent [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=51f2736376ac4d32bad2fe7cfef2886b-Cogliano, Vincent]
CC: Berner, Ted [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=f1949c9653024d3cb4aa4c2bd69c4fde-Berner, Ted]; Rieth, Susan [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=00aac63cc995489188b8a449aaa18f5e-Rieth, Susan]; Deener, Kathleen [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b9a2ff1c086249ea8f6414afde8a5e54-Deener, Kathleen]; Sanchez, Yolanda [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=473c34ae73994a4a8acafe6f03e0baeb-Sanchez, Yolanda]
Subject: Re: Suggested invitees to ACC's Cr6 research presentation Feb. 3

Catherine et al: thanks for categorizing the reserach issues. Most helpful to me. We haven't usually invited folks from outside of EPA. Can I ask why we are considering doing this for the Cr6 meeting? Right now I can only think of negative things associated with doing this (and maybe one positive) but it has been a negative kind of day. Let's talk some more before any invites go out (other than EPA!). I would also invite Tim McMahon from OPP microbials. We could invite the Agency folks that were invited to the meeting that we had before we started the assessment. That would catch some OAR and OSWER people too.

Sent by EPA Wireless E-Mail Services

----- Original Message -----

From: Catherine Gibbons
Sent: 01/23/2012 06:05 PM EST
To: Vincent Cogliano
Cc: Ted Berner; Susan Rieth; Kathleen Deener; Yolanda Sanchez; Lynn Flowers
Subject: Suggested invitees to ACC's Cr6 research presentation Feb. 3

Hi Vince,

Per your recommendation, in anticipation of ACC's February 3rd visit to present the most current data on their hexavalent chromium research project, we have several suggestions for several government (federal and state) scientists that may be interested in attending and would have valuable expertise to assist in more carefully analyzing the presentations.

Based on previous presentations, the following research projects are those coordinated by ToxStrategies that are currently underway (and any publications that have already emerged are listed in parentheses):

ToxStrategies/Summit Tox

- PBPK modeling:
 - updating PK data on gastric rate and capacity of reduction of Cr6 in mice, rats, and humans ex vivo
 - analyze target and non-target tissues in mice and rats at 90 days for total Cr and Fe levels
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Southern Research Institute and University of Cincinnati (*Thompson et al., 2011, 2012*)

- GSH/GSSG ratios
- 8-oxodG (ROS)

Travis O'Brien, GWU

- Biochemistry: DNA adducts (both from Cr directly binding DNA, and 8-oxodG from ROS generation); GSH levels
- Histopathology: chromosomal aberrations in crypt cells of the small intestine; immunostaining to detect proteins relevant to DNA repair and cell cycle arrest (no specific list provided)
- Mutations in vivo using ACB-PCR (developed by Barbara Parsons at NCTR): K-ras and MMR genes

Tim Zacharewski, Michigan State (*Kopec et al., 2012*)

- Microarray analysis--comparisons of profiles from the mouse (days 8 and 91) and rat (day 8) duodenum; specific focus on any and all genes related to cell cycle/cell proliferation and oxidative stress

I believe this is the extent of it, but please add to the list if I've left something out.

Based on the above, we have come up with some options for people it may be useful to invite, either in person or to listen/participate via teleconference.

Within US EPA:

- **PBPK modelers:** e.g. Alan Sasso, Anne Loccisano, Annie Jarabek
- **A scientist with expertise in microarray data:** someone at CompTox?
- OPP: Nancy McCarroll
- OW: Eric Burneson, Elizabeth Doyle
- OAR: Deidre Murphy
- OSWER: ?

NTP:

- Linda Birnbaum (NIEHS)
- John Bucher
- Matthew Stout
- **A scientist with expertise in gastric juice reduction capacity of rodents.** (Could be from another agency.)
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FDA: Barbara Parsons (NCTR)

NJDEP: Alan Stern

CalEPA: Bob Howd (or another scientist involved in the Cr6 PHG)

Other:

- OSHA
- ATSDR
- ICF

Kacee and Yolanda, if you know of anyone not on this list (or can narrow down those who are) from other programs/offices that should be included, please let us know!

Thank you,

Catherine

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